

All Databases	PubMed	Nucleotide	Protein	Genome	Structure	OMIM	PMC	Journals	Books
Search	PubMed	for (#5) and brain				Go	Clear	Advanced Search Save Search	

Limits Preview/Index History Clipboard Details

Display Summary Show 200 Sort By Send to

All: 122 Review: 6

Items 1 - 122 of 122

One page.

- 1:** Expression and regulation of antiviral protein APOBEC3G in human neuronal cells.
Wang YJ, Wang X, Zhang H, Zhou L, Liu S, Kolson DL, Song L, Ye L, Ho WZ.
J Neuroimmunol. 2009 Jan 3;206(1-2):14-21. Epub 2008 Nov 21.
PMID: 19027180 [PubMed - in process]
Detailed Abstract
- 2:** Monocyte chemoattractant protein-1 (MCP-1) produced via NF-kappaB signaling pathway mediates migration of amoeboid microglia in the periventricular white matter in hypoxic neonatal rats.
Deng YY, Lu J, Ling EA, Kaur C.
Glia. 2008 Oct 22. [Epub ahead of print]
PMID: 18642743 [PubMed - as supplied by publisher]
Detailed Abstract
- 3:** Peripheral chemokine receptors, their ligands, cytokines and Alzheimer's disease.
Reale M, Iarlori C, Feliciani C, Gambi D.
J Alzheimers Dis. 2008 Jun;14(2):147-59.
PMID: 18560127 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 4:** Toll-like receptor 4-dependent upregulation of cytokines in a transgenic mouse model of Alzheimer's disease.
Jin JJ, Kim HD, Maxwell JA, Li L, Fukuchi K.
J Neuroinflammation. 2008 May 29;5:23.
PMID: 18610752 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 5:** Interrelation of inflammation and APP in sIBM: IL-1 beta induces accumulation of beta-amyloid in skeletal muscle.
Schmidt J, Barthel K, Wrede A, Salajegheh M, Bähr M, Dalakas MC.
Brain. 2008 May;131(Pt 5):1228-40. Epub 2008 Apr 17.
PMID: 18420712 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 6:** CSF multianalyte profile distinguishes Alzheimer and Parkinson diseases.
Zhang J, Sokal I, Peskind ER, Quinn JF, Jankovic J, Kenney C, Chung KA, Millard SP, Nutt JG, Montine TJ.
Am J Clin Pathol. 2008 Apr;129(4):526-9.
PMID: 18343778 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 7:** Streptococcus suis serotype 2, an important swine and human

Recent Activity

Turn Off Clear

((mip3 alpha) OR
(chemok... (122)

(mip3 alpha) OR
(chemokin... (3237)

mip3 alpha protein (8)

Pigment epithelium-derived factor induces pro-inflammatory genes in neonatal astrocytes th...

mip3 alpha brain (1) passed

pathogen, induces strong systemic and cerebral inflammatory responses in a mouse model of infection.

Domínguez-Punaro MC, Segura M, Plante MM, Lacouture S, Rivest S, Gottschalk M.

J Immunol. 2007 Aug 1;179(3):1842-54.

PMID: 17641051 [PubMed - indexed for MEDLINE]

Detailed Abstract | [View article in PMC](#) | [View record in PubMed](#)

- 8: Gene expression in temporal lobe epilepsy is consistent with increased release of glutamate by astrocytes.

Lee TS, Mane S, Eid T, Zhao H, Lin A, Guan Z, Kim JH, Schweitzer J, King-Stevens D, Weber P, Spencer SS, Spencer DD, de Lanerolle NC.

Mol Med. 2007 Jan-Feb;13(1-2):1-13.

PMID: 17515852 [PubMed - indexed for MEDLINE]

Detailed Abstract | [View article in PMC](#) | [View record in PubMed](#)

- 9: Immune cells may fend off Alzheimer disease.

Britschgi M, Wyss-Coray T.

Nat Med. 2007 Apr;13(4):408-9. No abstract available.

PMID: 17416372 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 10: A randomized trial of carvedilol after renin-angiotensin system inhibition in chronic Chagas cardiomyopathy.

Botoni FA, Poole-Wilson PA, Ribeiro AL, Okonko DO, Oliveira BM, Pinto AS, Teixeira MM, Teixeira AL Jr, Reis AM, Dantas JB, Ferreira CS, Tavares WC Jr, Rocha MO.

Am Heart J. 2007 Apr;153(4):544.e1-8.

PMID: 17388291 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 11: Escherichia coli K1 induces IL-8 expression in human brain microvascular endothelial cells.

Galanakis E, Di Cello F, Paul-Satyaseela M, Kim KS.

Eur Cytokine Netw. 2006 Dec;17(4):260-5.

PMID: 17353159 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 12: Ccr2 deficiency impairs microglial accumulation and accelerates progression of Alzheimer-like disease.

El Khoury J, Toft M, Hickman SE, Means TK, Terada K, Geula C, Luster AD.

Nat Med. 2007 Apr;13(4):432-8. Epub 2007 Mar 11.

PMID: 17351623 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 13: Diminished cytokine and chemokine expression in the central nervous system of GMF-deficient mice with experimental autoimmune encephalomyelitis.

Zaheer A, Sahu SK, Wu Y, Zaheer A, Haas J, Lee K, Yang B.

Brain Res. 2007 May 4;1144:239-47. Epub 2007 Jan 27.

PMID: 17316572 [PubMed - indexed for MEDLINE]

Detailed Abstract | [View article in PMC](#) | [View record in PubMed](#)

- 14: Endosomal accumulation of Toll-like receptor 4 causes constitutive secretion of cytokines and activation of signal transducers and activators of transcription in Niemann-Pick disease type C (NPC) fibroblasts: a potential basis for glial cell activation in the NPC brain.

Suzuki M, Sugimoto Y, Ohsaki Y, Ueno M, Kato S, Kitamura Y, Hosokawa H, Davies JP, Ioannou YA, Vanier MT, Ohno K, Ninomiya H.

J Neurosci. 2007 Feb 21;27(8):1870-81.

PMID: 17314284 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 15: Calcium-sensing receptor stimulates secretion of an interferon-gamma-induced monokine (CXCL10) and monocyte chemoattractant protein-3 in immortalized GnRH neurons.

Bandyopadhyay S, Jeong KH, Hansen JT, Vassilev PM, Brown EM, Chattopadhyay N.

J Neurosci Res. 2007 Mar;85(4):882-95.

PMID: 17288630 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 16: Temporal mRNA profiles of inflammatory mediators in the murine 1-methyl-4-phenyl-1,2,3,6-tetrahydropyrimidine model of Parkinson's disease.

Pattarini R, Smeyne RJ, Morgan JI.

Neuroscience. 2007 Mar 16;145(2):654-68. Epub 2007 Jan 29.

PMID: 17258864 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 17: Macrophages are comprised of resident brain microglia not infiltrating peripheral monocytes acutely after neonatal stroke.

Denker SP, Ji S, Dingman A, Lee SY, Derugin N, Wendland MF, Vexler ZS.

J Neurochem. 2007 Feb;100(4):893-904. Epub 2006 Dec 22.

PMID: 17212701 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 18: Rat basophilic leukemia cells (RBL-2H3) generate prostaglandin D2 (PGD2) after regulated upon activation, normal T-cell expressed and secreted (RANTES) activation.

Castellani ML, Petrarca C, Frydas S, Conti CM, Salini V, Conti P, Shanmugham LN.

Int J Biol Markers. 2006 Oct-Dec;21(4):211-7.

PMID: 17177158 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 19: Broad-spectrum effects of 4-aminopyridine to modulate amyloid beta 1-42-induced cell signaling and functional responses in human microglia.

Franciosi S, Ryu JK, Choi HB, Radov L, Kim SU, McLarnon JG.

J Neurosci. 2006 Nov 8;26(45):11652-64.

PMID: 17093087 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 20: The innate immune facet of brain: human neurons express TLR-3 and sense viral dsRNA.

Lafon M, Megret F, Lafage M, Prehaud C.

J Mol Neurosci. 2006;29(3):185-94. Erratum in: J Mol Neurosci. 2007;33(2):224.

PMID: 17085778 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 21: Cytokine profile in synovial fluid from patients with internal derangement of the temporomandibular joint: a preliminary study.

Matsumoto K, Honda K, Ohshima M, Yamaguchi Y, Nakajima I, Micke P, Otsuka K.

Dentomaxillofac Radiol. 2006 Nov;35(6):432-41.

PMID: 17082335 [PubMed - indexed for MEDLINE]

Download Article | Cite this article in PMC at its current site

- 22: Caveolin-1 regulates expression of junction-associated proteins in brain microvascular endothelial cells

- Song L, Ge S, Pachter JS.
Blood. 2007 Feb 15;109(4):1515-23. Epub 2006 Oct 5.
PMID: 17023878 [PubMed - indexed for MEDLINE]
Download Article | Cite this article in PMC | Full Text | PMID: 17023878
- 23: Corticotropin-releasing hormone receptor 2-deficient mice have reduced intestinal inflammatory responses.
Kokkotou E, Torres D, Moss AC, O'Brien M, Grigoriadis DE, Karalis K, Pothoulakis C.
J Immunol. 2006 Sep 1;177(5):3355-61.
PMID: 16920976 [PubMed - indexed for MEDLINE]
Download Article | Cite this article in PMC | Full Text | PMID: 16920976
- 24: CCL2 regulates angiogenesis via activation of Ets-1 transcription factor.
Stamatovic SM, Keep RF, Mostarica-Stojkovic M, Andjelkovic AV.
J Immunol. 2006 Aug 15;177(4):2651-61.
PMID: 16888027 [PubMed - indexed for MEDLINE]
Download Article | Cite this article in PMC | Full Text | PMID: 16888027
- 25: Transforming growth factor beta and monocyte chemotactic protein-1 are elevated in cerebrospinal fluid of immunocompromised patients with HIV-1 infection.
Johnson MD, Kim P, Tourtellotte W, Federspiel CF.
J NeuroAIDS. 2004;2(4):33-43.
PMID: 15673204 [PubMed - indexed for MEDLINE]
Download Article
- 26: Determinants of CCL5-driven mononuclear cell migration across the blood-brain barrier. Implications for therapeutically modulating neuroinflammation.
Ubogu EE, Callahan MK, Tucky BH, Ransohoff RM.
J Neuroimmunol. 2006 Oct;179(1-2):132-44. Epub 2006 Jul 20.
PMID: 16857269 [PubMed - indexed for MEDLINE]
Download Article
- 27: Prognostic value of CXCL12 expression in 40 low-grade oligodendrogiomas and oligoastrocytomas.
Calatozzolo C, Maderna E, Pollo B, Gelati M, Marras C, Silvani A, Croci D, Boiardi A, Salmaggi A.
Cancer Biol Ther. 2006 Jul;5(7):827-32. Epub 2006 Jul 21.
PMID: 16760646 [PubMed - indexed for MEDLINE]
Download Article
- 28: The injury response of oligodendrocyte precursor cells is induced by platelets, macrophages and inflammation-associated cytokines.
Rhodes KE, Raivich G, Fawcett JW.
Neuroscience. 2006 Jun 19;140(1):87-100. Epub 2006 Apr 21.
PMID: 16631314 [PubMed - indexed for MEDLINE]
Download Article
- 29: Peripheral T cells overexpress MIP-1alpha to enhance its transendothelial migration in Alzheimer's disease.
Man SM, Ma YR, Shang DS, Zhao WD, Li B, Guo DW, Fang WG, Zhu L, Chen YH.
Neurobiol Aging. 2007 Apr;28(4):485-96. Epub 2006 Apr 5.
PMID: 16600437 [PubMed - indexed for MEDLINE]
Download Article
- 30: CCL5 evokes calcium signals in microglia through a kinase-, phosphoinositide-, and nucleotide-dependent mechanism.

J Neurosci Res. 2006 Jun;83(8):1471-84.
PMID: 16647971 [PubMed - indexed for MEDLINE]
Download Article

- 31: Temporal expression of inflammatory mediators in brain basilar artery vasculitis and cerebrospinal fluid of rabbits with coccidioidal meningitis.

Zucker KE, Kamberi P, Sobel RA, Cloud G, Meli DN, Clemons KV, Stevens DA, Williams PL, Leib SL.

Clin Exp Immunol. 2006 Mar;143(3):458-66.
PMID: 16467246 [PubMed - indexed for MEDLINE]
Download Article

- 32: The class 6 semaphorin SEMA6A is induced by interferon-gamma and defines an activation status of langerhans cells observed in pathological situations.

Gautier G, de Saint-Vis B, Sénéchal B, Pin JJ, Bates EE, Caux C, Geissmann F, Garrone P.

Am J Pathol. 2006 Feb;168(2):453-65.
PMID: 16436660 [PubMed - indexed for MEDLINE]
Download Article

- 33: Identification of the lacZ insertion site and beta-galactosidase expression in transgenic chickens.

Mozdziak PE, Wu Q, Bradford JM, Pardue SL, Borwornpinyo S, Giamario C, Petitte JN.

Cell Tissue Res. 2006 Apr;324(1):41-53. Epub 2006 Jan 12.
PMID: 16408197 [PubMed - indexed for MEDLINE]
Download Article

- 34: Characterization of lymphocyte subsets over a 24-hour period in Pineal-Associated Lymphoid Tissue (PALT) in the chicken.

Mosenson JA, McNulty JA.

BMC Immunol. 2006 Jan 11;7:1.
PMID: 16406726 [PubMed - indexed for MEDLINE]
Download Article

- 35: Myelin-laden macrophages are anti-inflammatory, consistent with foam cells in multiple sclerosis.

Boven LA, Van Meurs M, Van Zwam M, Wierenga-Wolf A, Hintzen RQ, Boot RG, Aerts JM, Amor S, Nieuwenhuis EE, Laman JD.

Brain. 2006 Feb;129(Pt 2):517-26. Epub 2005 Dec 19.
PMID: 16364966 [PubMed - indexed for MEDLINE]
Download Article

- 36: Brain cytokine and chemokine mRNA expression in mice induced by intranasal instillation with ultrafine carbon black.

Tin-Tin-Win-Shwe, Yamamoto S, Ahmed S, Kakeyama M, Kobayashi T, Fujimaki H.

Toxicol Lett. 2006 May 25;163(2):153-60. Epub 2005 Nov 15.
PMID: 16293374 [PubMed - indexed for MEDLINE]
Download Article

- 37: Expressions of cytokines and chemokines in the dorsal motor nucleus of the vagus nerve after right vagotomy.

Ji JF, Dheen ST, Kumar SD, He BP, Tay SS.

Brain Res Mol Brain Res. 2005 Dec 7;142(1):47-57. Epub 2005 Nov 2.
PMID: 16260063 [PubMed - indexed for MEDLINE]
Download Article

- 38: Transendothelial migration of monocytes: the underlying molecular mechanisms and consequences of HIV-1 infection.

- Maslin CL, Kedzierska K, Webster NL, Muller WA, Crowe SM.
Curr HIV Res. 2005 Oct;3(4):303-17. Review.
PMID: 16260878 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 39: Functional expression of CCL6 by rat microglia: a possible role of CCL6 in cell-cell communication.
Kanno M, Suzuki S, Fujiwara T, Yokoyama A, Sakamoto A, Takahashi H, Imai Y, Tanaka J.
J Neuroimmunol. 2005 Oct;167(1-2):72-80.
PMID: 16087246 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 40: Cultured human adult microglia from different donors display stable cytokine, chemokine and growth factor gene profiles but respond differently to a pro-inflammatory stimulus.
Meeuwsen S, Bsibsi M, Persoon-Deen C, Ravid R, van Noort JM.
Neuroimmunomodulation. 2005;12(4):235-45.
PMID: 15990454 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 41: Neuroprotective and anti-human immunodeficiency virus activity of minocycline.
Zink MC, Uhrlaub J, DeWitt J, Voelker T, Bullock B, Mankowski J, Tarwater P, Clements J, Barber S.
JAMA. 2005 Apr 27;293(16):2003-11.
PMID: 15856434 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 42: Mechanisms of cell signaling and inflammation in Alzheimer's disease.
Ho GJ, Drego R, Hakimian E, Masliah E.
Curr Drug Targets Inflamm Allergy. 2005 Apr;4(2):247-56. Review.
PMID: 15853747 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 43: Gene expression profile in rat renal isografts from brain dead donors.
Kusaka M, Yamada K, Kuroyanagi Y, Terauchi A, Kowa H, Kurahashi H, Hoshinaga K.
Transplant Proc. 2005 Jan-Feb;37(1):364-6.
PMID: 15808845 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 44: Microglia lacking E Prostanoid Receptor subtype 2 have enhanced Abeta phagocytosis yet lack Abeta-activated neurotoxicity.
Shie FS, Breyer RM, Montine TJ.
Am J Pathol. 2005 Apr;166(4):1163-72.
PMID: 15793296 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 45: Pigment epithelium-derived factor induces pro-inflammatory genes in neonatal astrocytes through activation of NF-kappa B and CREB.
Yabe T, Sanagi T, Schwartz JP, Yamada H.
Glia. 2005 May;50(3):223-34.
PMID: 15739190 [PubMed - indexed for MEDLINE]
Detailed Abstract
- 46: Interaction of Neisseria meningitidis with human brain microvascular endothelial cells: role of MAP- and tyrosine kinases in invasion and inflammatory cytokine release.
Sokolova O, Heppel N, Jägerhuber R, Kim KS, Frosch M, Eigenthaler M,

- Cell Microbiol. 2004 Dec;6(12):1153-66.
PMID: 15627495 [PubMed - indexed for MEDLINE]
Database Aditions
- 47: Interleukin-10 attenuates production of HSV-induced inflammatory mediators by human microglia.
Marques CP, Hu S, Sheng W, Cheoran MC, Cox D, Lokensgard JR.
Glia. 2004 Sep;47(4):358-66.
PMID: 15293233 [PubMed - indexed for MEDLINE]
Database Aditions
- 48: Changes in CSF S100B and cytokine concentrations in early-phase severe traumatic brain injury.
Hayakata T, Shiozaki T, Tasaki O, Ikegawa H, Inoue Y, Toshiyuki F, Hosotubo H, Kieko F, Yamashita T, Tanaka H, Shimazu T, Sugimoto H.
Shock. 2004 Aug;22(2):102-7.
PMID: 15267081 [PubMed - indexed for MEDLINE]
Database Aditions
- 49: The beta chemokines CCL4 and CCL5 enhance adhesion of specific CD4+ T cell subsets to human brain endothelial cells.
Quandt J, Dorovini-Zis K.
J Neuropathol Exp Neurol. 2004 Apr;63(4):350-62.
PMID: 15099025 [PubMed - indexed for MEDLINE]
Database Aditions
- 50: Transcriptional response to circumscribed cortical brain ischemia: spatiotemporal patterns in ischemic vs. remote non-ischemic cortex.
Küry P, Schroeter M, Jander S.
Eur J Neurosci. 2004 Apr;19(7):1708-20.
PMID: 15078646 [PubMed - indexed for MEDLINE]
Database Aditions
- 51: Hypoxia/ischemia modulates G protein-coupled receptor kinase 2 and beta-arrestin-1 levels in the neonatal rat brain.
Lombardi MS, van den Tweel E, Kavelaars A, Groenendaal F, van Bel F, Heijnen CJ.
Stroke. 2004 Apr;35(4):981-6. Epub 2004 Mar 11.
PMID: 15017017 [PubMed - indexed for MEDLINE]
Database Aditions
- 52: Elevated levels of activin A in heart failure: potential role in myocardial remodeling.
Yndestad A, Ueland T, Øie E, Florholmen G, Halvorsen B, Attramadal H, Simonsen S, Frøland SS, Gullestad L, Christensen G, Damås JK, Aukrust P.
Circulation. 2004 Mar 23;109(11):1379-85. Epub 2004 Mar 1.
PMID: 14993131 [PubMed - indexed for MEDLINE]
Database Aditions
- 53: Fcgamma receptor signaling in primary human microglia: differential roles of PI-3K and Ras/ERK MAPK pathways in phagocytosis and chemokine induction.
Song X, Tanaka S, Cox D, Lee SC.
J Leukoc Biol. 2004 Jun;75(6):1147-55. Epub 2004 Feb 24.
PMID: 14982949 [PubMed - indexed for MEDLINE]
Database Aditions
- 54: Inflammatory markers in matched plasma and cerebrospinal fluid from patients with Alzheimer's disease.
Sun VV, Minthon L, Wallmark A, Workentin S, Blennow K, Jangciuchiong
http://www.ncbi.nlm.nih.gov/sites/entrez

S.

Dement Geriatr Cogn Disord. 2003;16(3):136-44.
PMID: 12926739 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics

- 55: Intracerebroventricular injection of the terminal complement complex causes inflammatory reaction in the rat brain.

Casarsa C, De Luigi A, Pausa M, De Simoni MG, Tedesco F.

Eur J Immunol. 2003 May;33(5):1260-70.
PMID: 12731061 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics

- 56: CXCL10 production from cytomegalovirus-stimulated microglia is regulated by both human and viral interleukin-10.

Cheeran MC, Hu S, Sheng WS, Peterson PK, Lokensgaard JR.

J Virol. 2003 Apr;77(8):4502-15.
PMID: 12663757 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics Dementia & Geriatrics

- 57: Adult mouse astrocytes degrade amyloid-beta in vitro and in situ.

Wyss-Coray T, Loike JD, Brionne TC, Lu E, Anankov R, Yan F, Silverstein SC, Husemann J.

Nat Med. 2003 Apr;9(4):453-7. Epub 2003 Mar 3.
PMID: 12612547 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics

- 58: Serum S-100B and interleukin-8 as predictive markers for comparative neurologic outcome analysis of patients after cardiac arrest and severe traumatic brain injury.

Mussack T, Biberthaler P, Kanz KG, Wiedemann E, Gippner-Steppert C, Mutschler W, Jochum M.

Crit Care Med. 2002 Dec;30(12):2669-74.
PMID: 12468057 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics

- 59: Time course of gene expression in rat experimental autoimmune myocarditis.

Hanawa H, Abe S, Hayashi M, Yoshida T, Yoshida K, Shiono T, Fuse K, Ito M, Tachikawa H, Kashimura T, Okura Y, Kato K, Kodama M, Maruyama S, Yamamoto T, Aizawa Y.

Clin Sci (Lond). 2002 Dec;103(6):623-32.
PMID: 12444915 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics

- 60: Microglia from Creutzfeldt-Jakob disease-infected brains are infectious and show specific mRNA activation profiles.

Baker CA, Martin D, Manuelidis L.

J Virol. 2002 Nov;76(21):10905-13.
PMID: 12366333 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics Dementia & Geriatrics

- 61: gamma/delta T cells in multiple sclerosis: chemokine and chemokine receptor expression.

Murzenok PP, Matusevicius D, Freedman MS.

Clin Immunol. 2002 Jun;103(3 Pt 1):309-16.
PMID: 12178306 [PubMed - indexed for MEDLINE]
Dementia & Geriatrics

- 62: Pneumococcal meningitis in the rat: evaluation of peroxynitrite scavengers for adjunctive therapy.

Kastenbauer S, Koedel T, Becker RF, Pfister HW

Eur J Pharmacol. 2002 Aug 2;449(1-2):177-81.
PMID: 12163122 [PubMed - indexed for MEDLINE]
Clinical Aspects

- 63: Temporal analysis of cytokine gene expression during infiltration of porcine neuronal grafts implanted into the rat brain.
Melchior B, Rémy S, Nerrière-Daguin V, Heslan JM, Soulillou JP, Brachet P.
J Neurosci Res. 2002 May 1;68(3):284-92.
PMID: 12111858 [PubMed - indexed for MEDLINE]
Clinical Aspects
- 64: Signaling pathways activated by chemokine receptor CXCR2 and AMPA-type glutamate receptors and involvement in granule cells survival.
Limatola C, Ciotti MT, Mercanti D, Santoni A, Eusebi F.
J Neuroimmunol. 2002 Feb;123(1-2):9-17.
PMID: 11880144 [PubMed - indexed for MEDLINE]
Clinical Aspects
- 65: Endogenous brain cytokine mRNA and inflammatory responses to lipopolysaccharide are elevated in the Tg2576 transgenic mouse model of Alzheimer's disease.
Sly LM, Krzesicki RF, Brashler JR, Buhl AE, McKinley DD, Carter DB, Chin JE.
Brain Res Bull. 2001 Dec;56(6):581-8.
PMID: 11786245 [PubMed - indexed for MEDLINE]
Clinical Aspects
- 66: Effects of moderate hypothermia on IL-1 beta-induced leukocyte rolling and adhesion in pial microcirculation of mice and on proinflammatory gene expression in human cerebral endothelial cells.
Sutcliffe IT, Smith HA, Stanimirovic D, Hutchison JS.
J Cereb Blood Flow Metab. 2001 Nov;21(11):1310-9.
PMID: 11702046 [PubMed - indexed for MEDLINE]
Clinical Aspects Clinical article or clinical study
- 67: Robust expression of TNF-alpha, IL-1beta, RANTES, and IP-10 by human microglial cells during nonproductive infection with herpes simplex virus.
Lokensgard JR, Hu S, Sheng W, vanOijen M, Cox D, Cheeran MC, Peterson PK.
J Neurovirol. 2001 Jun;7(3):208-19.
PMID: 11517395 [PubMed - indexed for MEDLINE]
Clinical Aspects
- 68: Interactions between HIV-1 gp120, chemokines, and cultured adult microglial cells.
Albright AV, Martín J, O'Connor M, González-Scarano F.
J Neurovirol. 2001 Jun;7(3):196-207.
PMID: 11517394 [PubMed - indexed for MEDLINE]
Clinical Aspects
- 69: Absence of macrophage-inflammatory protein-1alpha delays central nervous system demyelination in the presence of an intact blood-brain barrier.
McMahon EJ, Cook DN, Suzuki K, Matsushima GK.
J Immunol. 2001 Sep 1;167(5):2964-71.
PMID: 11509946 [PubMed - indexed for MEDLINE]
Clinical Aspects Clinical article or clinical study



- 70: Inflammatory repertoire of Alzheimer's disease and nondemented elderly microglia in vitro.

Lue LF, Rydel R, Brigham EF, Yang LB, Hampel H, Murphy GM Jr, Brachova L, Yan SD, Walker DG, Shen Y, Rogers J.

Glia. 2001 Jul;35(1):72-9.

PMID: 11424194 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 71: Delivery to the central nervous system of a nonreplicative herpes simplex type 1 vector engineered with the interleukin 4 gene protects rhesus monkeys from hyperacute autoimmune encephalomyelitis.

Poliani PL, Brok H, Furlan R, Ruffini F, Bergami A, Desina G, Marconi PC, Rovaris M, Uccelli A, Glorioso JC, Penna G, Adorini L, Comi G, 't Hart B, Martino G.

Hum Gene Ther. 2001 May 20;12(8):905-20.

PMID: 11387056 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 72: Regulation of the gene encoding the monocyte chemoattractant protein 1 (MCP-1) in the mouse and rat brain in response to circulating LPS and proinflammatory cytokines.

Thibeault I, Laflamme N, Rivest S.

J Comp Neurol. 2001 Jun 11;434(4):461-77.

PMID: 11343293 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 73: U50488 inhibits HIV-1 expression in acutely infected monocyte-derived macrophages.

Chao CC, Gekker G, Sheng WS, Hu S, Peterson PK.

Drug Alcohol Depend. 2001 Apr 1;62(2):149-54.

PMID: 11246971 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 74: [Molecular neuropharmacology of nociceptive transmission and opioid receptors]

Satoh M.

Yakugaku Zasshi. 2000 Dec;120(12):1291-307. Review. Japanese.

PMID: 11198380 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 75: IL-4, IL-10 and IL-13 modulate A beta(1-42)-induced cytokine and chemokine production in primary murine microglia and a human monocytic cell line.

Szczepanik AM, Funes S, Petko W, Ringheim GE.

J Neuroimmunol. 2001 Feb 1;113(1):49-62.

PMID: 11137576 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 76: Age-dependent cytokine responses: trimethyltin hippocampal injury in wild-type, APOE knockout, and APOE4 mice.

Harry GJ, Lefebvre d'Hellencourt C, Brucolieri A, Schmechel D.

Brain Behav Immun. 2000 Dec;14(4):288-304.

PMID: 11120597 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 77: Morphine inhibits human microglial cell production of, and migration towards, RANTES.

Hu S, Chao CC, Hegg CC, Thayer S, Peterson PK.

J Psychopharmacol. 2000;14(3):238-43.

PMID: 11106302 [PubMed - indexed for MEDLINE]

- 78: Monocyte:astrocyte interactions regulate MCP-1 expression in both cell types.

Andjelkovic AV, Kerkovich D, Pachter JS.

J Leukoc Biol. 2000 Oct;68(4):545-52.

PMID: 11037977 [PubMed - indexed for MEDLINE]

Detailed Abstract | Cite this article at its current site

- 79: Atorvastatin upregulates type III nitric oxide synthase in thrombocytes, decreases platelet activation, and protects from cerebral ischemia in normocholesterolemic mice.

Laufs U, Gertz K, Huang P, Nickenig G, Böhm M, Dirnagl U, Endres M.

Stroke. 2000 Oct;31(10):2442-9.

PMID: 11022078 [PubMed - indexed for MEDLINE]

Detailed Abstract | Cite this article at its current site

- 80: Cerebral microembolus detection in an unselected acute ischemic stroke population.

Lund C, Rygh J, Stensrød B, Sandset PM, Brucher R, Russell D.

Cerebrovasc Dis. 2000 Sep-Oct;10(5):403-8.

PMID: 10971027 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 81: The chemokine growth-related gene product beta protects rat cerebellar granule cells from apoptotic cell death through alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionate receptors.

Limatola C, Ciotti MT, Mercanti D, Vacca F, Ragazzino D, Giovannelli A, Santoni A, Eusebi F, Miledi R.

Proc Natl Acad Sci U S A. 2000 May 23;97(11):6197-201.

PMID: 10811876 [PubMed - indexed for MEDLINE]

Detailed Abstract | Cite this article in PMC | at its current site

- 82: Single lacunar brain infarction with transient signs versus those with long-lasting signs.

Oishi M, Mochizuki Y, Shikata E.

Int Angiol. 1999 Sep;18(3):206-9.

PMID: 10668419 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 83: Decreased cytomegalovirus expression following proinflammatory cytokine treatment of primary human astrocytes.

Cheeran MC, Hu S, Gekker G, Lokengard JR.

J Immunol. 2000 Jan 15;164(2):926-33.

PMID: 10623841 [PubMed - indexed for MEDLINE]

Detailed Abstract | Cite this article at its current site

- 84: ESkine, a novel beta-chemokine, is differentially spliced to produce secretable and nuclear targeted isoforms.

Baird JW, Nibbs RJ, Komai-Koma M, Connolly JA, Ottersbach K, Clark-Lewis I, Liew FY, Graham GJ.

J Biol Chem. 1999 Nov 19;274(47):33496-503.

PMID: 10559234 [PubMed - indexed for MEDLINE]

Detailed Abstract | Cite this article at its current site

- 85: Intracellular CXCR4 signaling, neuronal apoptosis and neuropathogenic mechanisms of HIV-1-associated dementia.

Zheng J, Thylin MR, Ghorpade A, Xiong H, Persidsky Y, Cotter R, Niemann D, Che M, Zeng YC, Gelbard HA, Shepard RB, Swartz JM, Gendelman HE.

J Neuroimmunol. 1999 Aug 3;98(2):185-200.

PMID: 10430062 [PubMed - indexed for MEDLINE]

- 86: Chemokine and inflammatory cell response to hypoxia-ischemia in immature rats.
Bona E, Andersson AL, Blomgren K, Gilland E, Puka-Sundvall M, Gustafson K, Hagberg H.
Pediatr Res. 1999 Apr;45(4 Pt 1):500-9.
PMID: 10203141 [PubMed - indexed for MEDLINE]
Download Article
- 87: The CXC-chemokine, H174: expression in the central nervous system.
Luo Y, Kim R, Gabuzda D, Mi S, Collins-Racie LA, Lu Z, Jacobs KA, Dorf ME.
J Neurovirol. 1998 Dec;4(6):575-85.
PMID: 10065889 [PubMed - indexed for MEDLINE]
Download Article
- 88: Glia progenitor cells in normal and pathological states.
Nishiyama A.
Keio J Med. 1998 Dec;47(4):205-8. Review.
PMID: 9884514 [PubMed - indexed for MEDLINE]
Download Article
- 89: Late-onset chronic inflammatory encephalopathy in immune-competent and severe combined immune-deficient (SCID) mice with astrocyte-targeted expression of tumor necrosis factor.
Stalder AK, Carson MJ, Pagenstecher A, Asensio VC, Kincaid C, Benedict M, Powell HC, Masliah E, Campbell IL.
Am J Pathol. 1998 Sep;153(3):767-83.
PMID: 9736027 [PubMed - indexed for MEDLINE]
Download Article Download Article in PDF (PDF) Last reviewed 2008
- 90: Amyloid-beta induces chemokine secretion and monocyte migration across a human blood-brain barrier model.
Fiala M, Zhang L, Gan X, Sherry B, Taub D, Graves MC, Hama S, Way D, Weinand M, Witte M, Lorton D, Kuo YM, Roher AE.
Mol Med. 1998 Jul;4(7):480-9.
PMID: 9713826 [PubMed - indexed for MEDLINE]
Download Article Download Article in PDF (PDF) Last reviewed 2008
- 91: Chemokines and receptors in HIV encephalitis.
Sanders VJ, Pittman CA, White MG, Wang G, Wiley CA, Achim CL.
AIDS. 1998 Jun 18;12(9):1021-6.
PMID: 9662198 [PubMed - indexed for MEDLINE]
Download Article
- 92: Role of the beta-chemokine receptors CCR3 and CCR5 in human immunodeficiency virus type 1 infection of monocytes and microglia.
Ghorpade A, Xia MQ, Hyman BT, Persidsky Y, Nukuna A, Bock P, Che M, Limoges J, Gendelman HE, Mackay CR.
J Virol. 1998 Apr;72(4):3351-61.
PMID: 9525662 [PubMed - indexed for MEDLINE]
Download Article Download Article in PDF (PDF) Last reviewed 2008
- 93: Cytokine regulation of human microglial cell IL-8 production.
Ehrlich LC, Hu S, Sheng WS, Sutton RL, Rockswold GL, Peterson PK, Chao CC.
J Immunol. 1998 Feb 15;160(4):1944-8.
PMID: 9469467 [PubMed - indexed for MEDLINE]
Download Article Download Article in PDF (PDF) Last reviewed 2008
- 94: Expression of pro-inflammatory cytokine and chemokine mRNA upon experimental spinal cord injury in mouse: an in situ hybridization study.

Bartholdi D, Schwab ME.

Eur J Neurosci. 1997 Jul;9(7):1422-38.

PMID: 9240400 [PubMed - indexed for MEDLINE]

Download Article

- 95: Transcranial cytokine gradients in patients requiring intensive care after acute brain injury.

McKeating EG, Andrews PJ, Signorini DF, Mascia L.

Br J Anaesth. 1997 May;78(5):520-3.

PMID: 9175956 [PubMed - indexed for MEDLINE]

Download Article Cross-references in MEDLINE

- 96: Differential and time-dependent expression of monocyte chemoattractant protein-1 mRNA by astrocytes and macrophages in rat brain: effects of ischemia and peripheral lipopolysaccharide administration.

Gourmala NG, Buttini M, Limonta S, Sauter A, Boddeke HW.

J Neuroimmunol. 1997 Apr;74(1-2):35-44.

PMID: 9118977 [PubMed - indexed for MEDLINE]

Download Article

- 97: Neurotrophins and their receptors in nerve injury and repair.

Ebadi M, Bashir RM, Heidrick ML, Hamada FM, Refaei HE, Hamed A, Helal G, Baxi MD, Cerutis DR, Lassi NK.

Neurochem Int. 1997 Apr-May;30(4-5):347-74. Review.

PMID: 9106250 [PubMed - indexed for MEDLINE]

Download Article

- 98: Interleukin-8 receptor B immunoreactivity in brain and neuritic plaques of Alzheimer's disease.

Xia M, Qin S, McNamara M, Mackay C, Hyman BT.

Am J Pathol. 1997 Apr;150(4):1267-74.

PMID: 9094983 [PubMed - indexed for MEDLINE]

Download Article Cross-references in MEDLINE Links to related articles

- 99: beta-Amyloid-induced IL-1 beta release from an activated human monocyte cell line is calcium- and G-protein-dependent.

Lorton D.

Mech Ageing Dev. 1997 Mar;94(1-3):199-211.

PMID: 9147372 [PubMed - indexed for MEDLINE]

Download Article

- 100: Recombinant human adenovirus with rat MIP-2 gene insertion causes prolonged PMN recruitment to the murine brain.

Bell MD, Taub DD, Kunkel SJ, Strieter RM, Foley R, Gauldie J, Perry VH.

Eur J Neurosci. 1996 Sep;8(9):1803-11.

PMID: 8921271 [PubMed - indexed for MEDLINE]

Download Article

- 101: Cytokine expression in human anterior pituitary adenomas.

Green VL, Atkin SL, Speirs V, Jeffreys RV, Landolt AM, Mathew B, Hipkin L, White MC.

Clin Endocrinol (Oxf). 1996 Aug;45(2):179-85.

PMID: 8881460 [PubMed - indexed for MEDLINE]

Download Article

- 102: Induced expression of adhesion molecules following focal brain ischemia.

Wang X, Feuerstein GZ.

J Neurotrauma. 1995 Oct;12(5):825-32. Review.

PMID: 8594210 [PubMed - indexed for MEDLINE]

- 103: Fever and feeding in the rat: actions of intrahypothalamic interleukin-6 compared to macrophage inflammatory protein-1 beta (MIP-1 beta).

Myers RD, Lopez-Valpuesta FJ, Miñano FJ, Wooten MH, Barwick VS, Wolpe SD.

J Neurosci Res. 1994 Sep 1;39(1):31-7.

PMID: 7807590 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 104: Chemokines/intercrines and central regulation of feeding.

Plata-Salamán CR, Borkoski JP.

Am J Physiol. 1994 May;266(5 Pt 2):R1711-5.

PMID: 7515592 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 105: Fever and feeding: differential actions of macrophage inflammatory protein-1 (MIP-1), MIP-1 alpha and MIP-1 beta on rat hypothalamus.

Myers RD, Paez X, Roscoe AK, Sherry B, Cerami A.

Neurochem Res. 1993 Jun;18(6):667-73.

PMID: 8510784 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 106: Human glioblastoma cells produce 77 amino acid interleukin-8 (IL-8(77)).

Tada M, Suzuki K, Yamakawa Y, Sawamura Y, Sakuma S, Abe H, van Meir E, de Tribolet N.

J Neurooncol. 1993 Apr;16(1):25-34.

PMID: 8410189 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 107: Elevated velocity of prostacyclin degradation in blood as a possible risk factor in patients with cerebrovascular disorders.

Akopov S, Darbinian V, Grigorian G, Kosyan A, Gabrielian E.

Eur Neurol. 1993;33(3):252-5.

PMID: 8467849 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 108: Interleukin-8 is produced in neoplastic and infectious diseases of the human central nervous system.

Van Meir E, Ceska M, Effenberger F, Walz A, Grouzmann E, Desbaillets I, Frei K, Fontana A, de Tribolet N.

Cancer Res. 1992 Aug 15;52(16):4297-305.

PMID: 1643627 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 109: [An analysis of lymphokine gene expression within astrocytoma]

Nitta T, Steinman L, Sato K.

No Shinkei Geka. 1992 Jul;20(7):763-8. Japanese.

PMID: 1630567 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 110: Alpha-MSH peptides inhibit acute inflammation induced in mice by rIL-1 beta, rIL-6, rTNF-alpha and endogenous pyrogen but not that caused by LTB4, PAF and rIL-8.

Hiltz ME, Catania A, Lipton JM.

Cytokine. 1992 Jul;4(4):320-8.

PMID: 1325196 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 111: Murine endothelioma cell lines transformed by polyoma middle T oncogene as target for and producers of cytokines.

Bussolino F, De Rossi M, Sica A, Colotta F, Wang JM, Bocchietto E,

J Immunol. 1991 Oct 1;147(7):2122-9.
PMID: 1916946 [PubMed - indexed for MEDLINE]
© National Institutes of Health

112: Hemorheological factors in cerebral ischemia.

Fisher M, Meiselman HJ.
Stroke. 1991 Sep;22(9):1164-9.
PMID: 1838861 [PubMed - indexed for MEDLINE]
© National Institutes of Health

113: Selective targeting of gene products with the megakaryocyte platelet factor 4 promoter.

Ravid K, Beeler DL, Rabin MS, Ruley HE, Rosenberg RD.
Proc Natl Acad Sci U S A. 1991 Feb 15;88(4):1521-5.
PMID: 1899930 [PubMed - indexed for MEDLINE]
© National Institutes of Health Cross-references to DBSN and related sites

114: Altered coagulation in cerebral ischemia. Platelet, thrombin, and plasmin activity.

Fisher M, Francis R.
Arch Neurol. 1990 Oct;47(10):1075-9.
PMID: 2145826 [PubMed - indexed for MEDLINE]
© National Institutes of Health

115: [Effects of Ligusticum wallichii on the plasma levels of beta-thromboglobulin, platelet factor 4, thromboxane B2 and 6-keto-PGF1 alpha in rabbits under acute experimental cerebral ischemia]

Liu Z.
Zhong Xi Yi Jie He Za Zhi. 1990 Sep;10(9):543-4, 517-8. Chinese.
PMID: 2148509 [PubMed - indexed for MEDLINE]
© National Institutes of Health

116: Combination therapy with low-dose aspirin and ticlopidine in cerebral ischemia.

Uchiyama S, Sone R, Nagayama T, Shibagaki Y, Kobayashi I, Maruyama S, Kusakabe K.
Stroke. 1989 Dec;20(12):1643-7.
PMID: 2531943 [PubMed - indexed for MEDLINE]
© National Institutes of Health

117: [Hypercoagulation and recurrence of cerebral infarct]

Landi GL, Anzalone N, Morabito A, D'Angelo A, Mannucci PM.
G Clin Med. 1989 Jun-Jul;70(6-7):415-6, 418-9. Italian.
PMID: 2527773 [PubMed - indexed for MEDLINE]
© National Institutes of Health

118: [Multipathway leading to platelet aggregation and in vivo platelet secretion in cerebral ischemia]

Uchiyama S, Sone R, Shibagaki Y, Kobayashi I, Maruyama S.
Rinsho Shinkeigaku. 1988 Sep;28(9):1065-71. Japanese. No abstract available.
PMID: 2977580 [PubMed - indexed for MEDLINE]
© National Institutes of Health

119: Beta-thromboglobulin in cerebral infarction.

Woo E, Huang CY, Chan V, Chan YW, Yu YL, Chan TK.
J Neurol Neurosurg Psychiatry. 1988 Apr;51(4):557-62.
PMID: 2967880 [PubMed - indexed for MEDLINE]
© National Institutes of Health Cross-references to DBSN and related sites

120: Enhanced in vivo platelet activation in subtypes of ischemic stroke.

Stroke. 1985 Jul-Aug;16(4):643-7.

PMID: 3161220 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 121: [Usefulness of the measurement of plasma beta-thromboglobulin \(beta-TG\) in cerebrovascular disease.](#)

Taomoto K, Asada M, Kanazawa Y, Matsumoto S.

Stroke. 1983 Jul-Aug;14(4):518-24.

PMID: 6197783 [PubMed - indexed for MEDLINE]

Detailed Abstract

- 122: [\[Mitral valve prolapse and platelet activity in young patients with cerebral ischaemia \(author's transl\)\]](#)

Bluschke V, Hennerici M, Scharf RE, Kladetzky RG, Breithardt G, Lück J, Köhler E.

Dtsch Med Wochenschr. 1982 Mar 19;107(11):410-4. German.

PMID: 6460607 [PubMed - indexed for MEDLINE]

Detailed Abstract

Items 1 - 122 of 122

One page.

Display [Summary](#)  Show  200  Sort By  Send to 

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)